

Please type a plus sign (+) inside this box - ☐

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications  
under 37 CFR 1.53(b))

Attorney Docket No. 2978.1US

First Inventor or Application  
Identifier

Reichert et al.

Title COMPOSITE WAVEGUIDE FOR SOLID PHASE  
BINDING ASSAYS

Express Mail Label No. EL206386163US

**APPLICATION ELEMENTS**

See MPEP Chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)

2. ☒ Specification Total Pages 40  
(preferred arrangement set forth below)

-Descriptive title of the invention  
-Cross References to related Applications  
-Statement Regarding Fed Sponsored R&D  
-Reference to Microfiche Appendix  
-Background of the Invention  
-Brief Summary of the Invention  
-Brief Description of the Drawings (if filed)  
-Detailed Description  
-Claim(s)  
-Abstract of the Disclosure

3. ☒ Drawing(s) (35 USC 113) Total Sheets 25

4. Oath or Declaration Total Pages 8

- a. ☐ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37  
CFR 1.63(d))  
(For continuation/divisional with Box 17 completed)  
(Note Box 5 below)

- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior  
application, see 37 CFR 1.63(d)(2) and  
1.33(b).

5. ☐ Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b, is  
considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)  
7. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (identical to computer copy)  
c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))  
9. ☐ 37CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)  
10. ☐ English Translation Document (if applicable)  
11. ☒ Information Disclosure ☐ Copies of IDS  
Statement (IDS/PTO-1449) Citations  
12. ☒ Preliminary Amendment  
13. ☒ Return Receipt Postcard (MPEP 503)  
14. ☐ Small Entity ☒ Statement filed in prior application,  
Statement(s) Status still proper and desired  
15. ☐ Certified Copy of Priority Document(s)  
(If foreign priority is claimed)  
16. ☒ Other: Statement Per Rule 53(b)(2) To Add Inventor . . . .  
\*A new statement is required to be entitled to pay small entity fees, except  
where one has been filed in a prior application and is being relied upon.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior Application No. 08/705,893 (now U.S. Patent  
5,832,165)

Prior application information: Examiner J. Ngo Group/Art Unit: 2874

**18. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label or ☒ Correspondence address below

NAME Allen C. Turner

TRASK, BRITT & ROSSA

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Name (Print/Type) Allen C. Turner

Registration No. (Attorney/Agent)

33,041

Signature

Date

11/3/98

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.  
These are the fees effective October 1, 1997.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$ 395.00

## Compleat if Known

Application Number	
Filing Date	November 3, 1998
First Named Inventor	W. Monty Reichert
Examiner Name	J. Ngo
Group / Art Unit	2874
Attorney Docket No.	2978.1US

## METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 20-1469  
Deposit Account Name: TRASK, BRITT & ROSSA

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed:  
☒ Check ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 790	201 395	Utility filing fee	395
106 330	206 165	Design filing fee	
107 540	207 270	Plant filing fee	
108 790	208 395	Reissue filing fee	
114 150	214 75	Provisional filing fee	
SUBTOTAL (1)			(\$ 395)

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
5	-20** = 0	X	-0-
1	-3** = 0	X	-0-
Multiple Dependent			

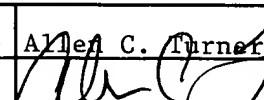
\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 22	203 11	Claims in excess of 20	
102 82	202 41	Independent claims in excess of 3	
104 270	204 135	Multiple dependent claim, if not paid	
109 82	209 41	** Reissue independent claims over original patent	
110 22	210 11	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			(\$ )

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 950	217 475	Extension for reply within third month	
118 1,510	218 755	Extension for reply within fourth month	
128 2,060	228 1,030	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,320	241 660	Petition to revive - unintentional	
142 1,320	242 660	Utility issue fee (or reissue)	
143 450	243 225	Design issue fee	
144 670	244 335	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 790	246 395	Filing a submission after final rejection (37 CFR 1.129(a))	
149 790	249 395	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)			
Other fee (specify)			
* Reduced by Basic Filing Fee Paid			
SUBTOTAL (3)			(\$ )

## SUBMITTED BY

Typed or Printed Name: Allen C. Turner  
Signature: 

Date: 11/3/98

## Complete (if applicable)

Reg. Number: 33,041  
Deposit Account User ID: 20-1469

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**PATENT**

JC540 U.S. PTO  
09/185318  
11/03/98

**In re Application of:**

Reichert et al.

**Serial No.:** To be assigned

**Filed:** November 3, 1998

**For:** COMPOSITE WAVEGUIDE FOR  
SOLID PHASE BINDING ASSAYS

**Examiner:** J.Ngo

**Group Art Unit:** 2874

**Attorney Docket No.:** 2978.1US

**NOTICE OF EXPRESS MAILING**

Express Mail Mailing Label  
Number: EL 206 386 163 US

Date of Deposit with USPS: November 3, 1998

Person making Deposit: Jared Turner

**STATEMENT PER RULE 53(b)(2) TO ADD INVENTOR**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The following is a list of inventors for the continuation application referenced above:

W. Monty Reichert

James N. Herron

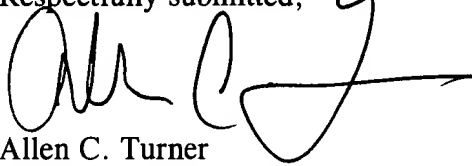
Douglas A. Christensen

Hsu-Kun Wang

Jacob D. Durtschi

Jacob D. Durtschi is to be included as an inventor. An unsigned Declaration is enclosed. A signed Declaration for Patent Application (With Power of Attorney) will follow.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Allen C. Turner', with a long horizontal stroke extending to the right.

Allen C. Turner  
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Attorney for Applicants  
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Salt Lake City, Utah 84110-2550  
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Date: November 3, 1998

ACT/le

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